

Title (en)

ROUTING PATH CALCULATION METHOD, SYSTEM AND DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)

VERFAHREN, SYSTEM UND VORRICHTUNG ZUR BERECHNUNG EINES ROUTING-PFADES UND COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)

PROCÉDÉ, SYSTÈME, ET DISPOSITIF DE CALCUL DE CHEMIN DE ROUTAGE, ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR

Publication

EP 3860059 A1 20210804 (EN)

Application

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Priority

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Abstract (en)

The embodiments of the present disclosure provide a routing path calculation method, system and device, and a computer-readable storage medium. The method includes that: the number n of passing constraint condition or conditions is determined, and n network topology layer or layers are correspondingly copied, wherein n is a positive integer; different layer attribute information is configured for an original network topology layer and the n copied network topology layer or layers; connection of at least one link of each network topology layer is modified according to the n passing constraint condition or conditions, and connection of at least one one-way link is established between two network topology layers with adjacent layer attribute information; a k -optimal path from a starting point of a head network topology layer to an ending point of an end network topology layer is calculated by use of a k -optimal path algorithm; and restoration processing is performed on the layer attribute information of at least one node in the k -optimal path to obtain a final path.

IPC 8 full level

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